

DERWENT PUBLICATIONS LTD.

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08289

A97 D25

SUNP. 07.06.78

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A(12-W5, 12-W12B) D(11-D1, 11-D3).

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08289C/05
SUN POLE KK
07.06.78-JA-069180 (17.12.79) C11d-07 C11d-17
Acidic fine granular cleaner, for waste water pipes, etc., comprising
amino-sulphuric acid and/or sodium hydrogen sulphate
encapsulated in soluble high polymer fil.

An acidic fine granular cleaner contains amidosulphuric acid and/or sodium hydrogen sulphate as the active components which are encapsulated as small grains with a film of water- and organic solvent-soluble high polymer. The cleaner may also include inorganic carbonate as a foaming agent, also capsulised as small grains with a film of water- and organic solvent-soluble high polymer. The cleaner resists hardening into a mass during storage, and its high fluidity is retained until its using time. Foaming is retarded and long lasting. The cleaner can be used for waste water pipes and traps. Organic solvents are ethylalcohol, isopropylalcohol, (m)ethylacetate, acetone, MEK, etc. The high polymer is methylvinylether-maleic anhydride copolymer, hydroxy-propylcellulose, etc. In an example, encapsulated granules of amidosulphuric acid are obd. by addn. of solvent soln. of the high polymer to amidosulphuric acid powder under stirring in a

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NIIPPON TOKUSHU ROZA
07.06.78-JA-068532 (17.12.79) C04b-35
Fireproof compsn. suitable for castable refractories - contg. rhodium alumina as binder with binding aid and opf. fluidity increaser

Compsn. contains $\text{P-Al}_2\text{O}_5$ as a binder and glass powder or dispersing agent as a binding aid and pref. an electrolyte or organic paste. Silica, zirconia, zirconia, alumina, mullite, sillimanite, silicas-alumina, SiC, carbon, cordierite, foam chamosite, foam alumina, perlite, sawdust, foam styrene are suitable as aggregate. $\text{P-Al}_2\text{O}_5$ is pref. "KHP-2" (RTM). It is blend with aggregate in amt. above 0.5wt. %, Glass powder is pref. ordinary frit of $\text{B}_2\text{O}_3\text{-SiO}_2$ system or $\text{Na}_2\text{O}\text{-CaO-SiO}_2$ system having particle size 10-150 μm in amt. 0.2-8wt. % (pref. 0.5-7wt. %) of the aggregate. Dispersing agent is pref. alkali silicate, alkali phosphate or organic agent. Electrolyte and organic paste are pref. alkali(ne earth) salt and starch, natural gummy material, methylecelulose, etc. in amt. 0.01-1 (esp. 0.1-0.5wt. %). These compsns. have favourable workability on spraying, press-transportation, trowelling and laminating. They can be used in precast prod. and unburned firbrick. (9pp170)

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